

2009 Air Emissions Monthly Summary - Central Region

941527 Ontario Inc.

3130 Caravelle Dr
Mississauga

Sector: Miscellaneous Industrial
Ministry Office: Halton-Peel

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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BUTYL ACETATES

Policy/Guideline Non-Conformance

February 4, 2009 - December 31, 2009	735	µg/m3	30min avg	1 exceedance	1745	1745	Conducting Study	Assessment Underway, Voluntary Abatement Program Underway
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Total Policy/Guideline Non-Conformance = 1 exceedance
Based on Air Dispersion Modeling

CARBON

Legislation Non-Compliance

February 4, 2009 - December 31, 2009	25	µg/m3	30min avg	1 exceedance	327	327	Conducting Study	Assessment Underway, Voluntary Abatement Program Underway
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Total Legislation Non-Compliance = 1 exceedance
Based on Air Dispersion Modeling

DIBUTYL TIN DILAURATE

Policy/Guideline Non-Conformance

February 4, 2009 - December 31, 2009	100	µg/m3	30min avg	1 exceedance	163	163	Conducting Study	Assessment Underway, Voluntary Abatement Program Underway
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Total Policy/Guideline Non-Conformance = 1 exceedance
Based on Air Dispersion Modeling

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ETHYL-3-ETHOXY PROPIONATE

Legislation Non-Compliance

February 4, 2009 - December 31, 2009	147	µg/m3	30min avg	1 exceedance	835	835	Conducting Study	Assessment Underway, Voluntary Abatement Program Underway
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Total Legislation Non-Compliance = 1 exceedance
Based on Air Dispersion Modeling

HEXAMETHYLENE DIISOCYANATE MONOMER

Upper Risk Threshold

February 4, 2009 - December 31, 2009	1	µg/m3	any	1 exceedance	9.5	9.5	Conducting Study	Assessment Underway, Voluntary Abatement Program Underway
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Total Upper Risk Threshold = 1 exceedance
Based on Air Dispersion Modeling

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2009 Air Emissions Monthly Summary - Central Region

Algonquin Power Energy From Waste Inc.

7656 Bramalea Rd
Brampton

Sector: Miscellaneous Industrial
Ministry Office: Halton-Peel

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
CARBON MONOXIDE								
CofA/Permit Non-Compliance								
February 1, 2009 - February 27, 2009	42.5	ppm	4h avg	3 exceedances	46.2	66.1	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required
March 27, 2009	42.5	ppm	4h avg	1 exceedance	44.3	44.3	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required
March 18, 2009 - March 25, 2009	42.5	ppm	4h avg	3 exceedances	47.6	62.2	Operational Process Modification	Assessment Complete - No Action Required
April 04, 2009	42.5	ppm	4h avg	2 exceedances	52.8	66.3	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required
April 20, 2009	42.5	ppm	4h avg	1 exceedance	52	52	Operational Process Modification	Assessment Complete - No Action Required
May 4, 2009 - May 23, 2009	42.5	ppm	4h avg	3 exceedances	44.4	66.3	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required

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2009 Air Emissions Monthly Summary - Central Region

Algonquin Power Energy From Waste Inc.

7656 Bramalea Rd
Brampton

Sector: Miscellaneous Industrial
Ministry Office: Halton-Peel

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
June 10, 2009	42.5	ppm	4h avg	1 exceedance	45.4	45.4	Equipment Modified - Repaired - Replaced or Re- calibrated	Assessment Complete - No Action Required
August 08, 2009	42.5	ppm	4h avg	1 exceedance	46.7	46.7	Equipment Modified - Repaired - Replaced or Re- calibrated	Assessment Complete - No Action Required
September 24, 2009	42.5	ppm	4h avg	1 exceedance	59.5	59.5	Equipment Modified - Repaired - Replaced or Re- calibrated	Assessment Complete - No Action Required
December 21, 2009	42.5	ppm	4h avg	3 exceedances	54.2	79.7	Equipment Modified - Repaired - Replaced or Re- calibrated	Assessment Complete - No Action Required

Total CofA/Permit Non-Compliance = 19 exceedances

HYDROGEN CHLORIDE

CofA/Permit Non-Compliance

May 25, 2009	18	ppm	24hr avg	1 exceedance	56	56	Operational Process Modification	Assessment Complete - No Action Required
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Total CofA/Permit Non-Compliance = 1 exceedance

NITROGEN OXIDES

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2009 Air Emissions Monthly Summary - Central Region

Algonquin Power Energy From Waste Inc.

7656 Bramalea Rd
Brampton

Sector: Miscellaneous Industrial
Ministry Office: Halton-Peel

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
CofA/Permit Non-Compliance								
July 13, 2009	110	ppm	24hr avg	1 exceedance	124	124	Operational Process Modification	Assessment Complete - Incident Resolved

Total CofA/Permit Non-Compliance = 1 exceedance

OPACITY

CofA/Permit Non-Compliance

March 30, 2009	5	% Opacity	2h avg	1 day of exceedances	6.3	6.3	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required
March 30, 2009	10	% Opacity	6min avg	1 day of exceedances	16.6	16.6	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required
April 06, 2009	10	% Opacity	6min avg	1 day of exceedances	10.6	18.4	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required
May 04, 2009	10	% Opacity	6min avg	1 day of exceedances	13.7	18.6	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required

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2009 Air Emissions Monthly Summary - Central Region

Algonquin Power Energy From Waste Inc.

7656 Bramalea Rd
Brampton

Sector: Miscellaneous Industrial
Ministry Office: Halton-Peel

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
August 01, 2009	10	% Opacity	6min avg	1 day of exceedances	10.1	10.1	Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
October 29, 2009	5	% Opacity	2h avg	1 day of exceedances	5.2	5.2	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required
October 29, 2009	10	% Opacity	6min avg	1 day of exceedances	11.2	11.2	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required
November 06, 2009	10	% Opacity	6min avg	1 day of exceedances	11.4	11.4	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required
December 14, 2009	10	% Opacity	6min avg	1 day of exceedances	13.6	13.6	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required

Total CofA/Permit Non-Compliance = 9 days of exceedances

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2009 Air Emissions Monthly Summary - Central Region

Amaizeingly Green Products, L.P.

201 MacDonald Rd
Collingwood

Sector: Miscellaneous Industrial
Ministry Office: Barrie

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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ODOUR

CofA/Permit Non-Compliance

August 21, 2009	1	Odour Units	10 min avg	1 exceedance	2.92	2.92	Action Plan Submitted - Implementing Improvements, Equipment Modified - Repaired - Replaced or Re- calibrated	Control Order Issued
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Total CofA/Permit Non-Compliance = 1 exceedance
Based on Air Dispersion Modeling

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2009 Air Emissions Monthly Summary - Central Region

Atotech Canada Ltd.

1180 Corporate Dr
Burlington

Sector: Organic Chemical Manufacturing
Ministry Office: Halton-Peel

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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SULPHURIC ACID

Upper Risk Threshold

January 1, 2009 - December 31, 2009	30	µg/m3	30min avg	1 exceedance	86.2	86.2	Conducting Study	Assessment Underway
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Total Upper Risk Threshold = 1 exceedance
Based on Air Dispersion Modeling

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2009 Air Emissions Monthly Summary - Central Region

Gerdau Ameristeel Corporation

1801 Hopkins St S
Whitby

Sector: Iron and Steel
Ministry Office: York-Durham

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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DIOXIN AND FURAN

CofA/Permit Non-Compliance

November 11, 2009	150	Toxic Equival ent/m3	/annum	1 exceedance	251	251	Conducting Study	Assessment Underway, Voluntary Abatement Program Underway
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Total CofA/Permit Non-Compliance = 1 exceedance

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2009 Air Emissions Monthly Summary - Central Region

Holcim (Canada) Inc.

2391 Lakeshore Rd W
Mississauga

Sector: Industrial Minerals
Ministry Office: Halton-Peel

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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OPACITY

Legislation Non-Compliance

February 11, 2009	20	% Opacity	6min avg	1 day of exceedances	40	79	Equipment Modified - Repaired - Replaced or Re- calibrated	Assessment Complete - Incident Resolved
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Total Legislation Non-Compliance = 1 day of exceedances

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2009 Air Emissions Monthly Summary - Central Region

Knoll North America Corp.

1000 Arrow Rd
Toronto

Sector: Miscellaneous Industrial
Ministry Office: Toronto

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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NOISE

CofA/Permit Non-Compliance

January 1, 2009 - December 31, 2009	45	dBA	Leq	1 exceedance	51.3	51.3	Other	Voluntary Abatement Program Underway
January 1, 2009 - December 31, 2009	47	dBA	Leq	1 exceedance	51.3	51.3	Other	Voluntary Abatement Program Underway
January 1, 2009 - December 31, 2009	50	dBA	Leq	2 exceedances	51.4	62.6	Other	Voluntary Abatement Program Underway

Total CofA/Permit Non-Compliance = 4 exceedances
Based on Air Dispersion Modeling

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2009 Air Emissions Monthly Summary - Central Region

St. Marys Cement Inc. (Canada) - Clarington

400 Waverly Rd
Clarington

Sector: Industrial Minerals
Ministry Office: York-Durham

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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OPACITY

Legislation Non-Compliance

March 10, 2009	20	% Opacity	6min avg	1 day of exceedances	22	22	Other	Assessment Complete - No Action Required
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Total Legislation Non-Compliance = 1 day of exceedances

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2009 Air Emissions Monthly Summary - Central Region

The Raywal Limited Partnership

68 Green Lane, Thornhill
Markham

Sector: Miscellaneous
Ministry Office: York-Durham

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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ODOUR

CofA/Permit Non-Compliance

January 1, 2009 - December 31, 2009	1	odour unit	10 min avg	1 exceedance	9.4	9.4	Conducting Study	Provincial Officer's Order Issued
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Total CofA/Permit Non-Compliance = 1 exceedance

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2009 Air Emissions Monthly Summary - Central Region

TransAlta Cogeneration Ltd. - Mississauga

2470 Derry Rd E
Mississauga

Sector: Electric Power Generation
Ministry Office: Halton-Peel

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
NITROGEN OXIDES								
CofA/Permit Non-Compliance								
November 23, 2009	38.6	ppm	24hr avg	1 exceedance	79.97	79.97	Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required

Total CofA/Permit Non-Compliance = 1 exceedance

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